Title (en)

APPARATUS AND METHOD FOR HEATING WASTE MATERIAL TO PRODUCE HYDROCARBON GAS AND SOLID CHAR

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERHITZEN VON ABFALLMATERIAL ZUR ERZEUGUNG VON KOHLENWASSERSTOFFGAS UND FESTER KOHLE

Title (fr)

APPAREIL ET PROCÉDÉ DE CHAUFFAGE DE DÉCHETS POUR PRODUIRE UN GAZ HYDROCARBONÉ ET UN PRODUIT DE CARBONISATION SOLIDE

Publication

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Application

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Abstract (en)

[origin: WO2019234436A1] An apparatus for heating waste material to produce hydrocarbon gas and solid char, comprising a chamber for receiving waste material,anda cyclone furnace arranged to burn fuel to provide heat to the chamber to heat waste material received therein and produce hydrocarbon gas and solid char. The chamber has a first output for outputting hydrocarbon gas from the chamber, and a second output for outputting solid char from the chamber. The cyclone furnace has a first input for receiving hydrocarbon gas outputted from the chamber to at least partly fuel the cyclone furnace.

IPC 8 full level

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CPC (source: EP)

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